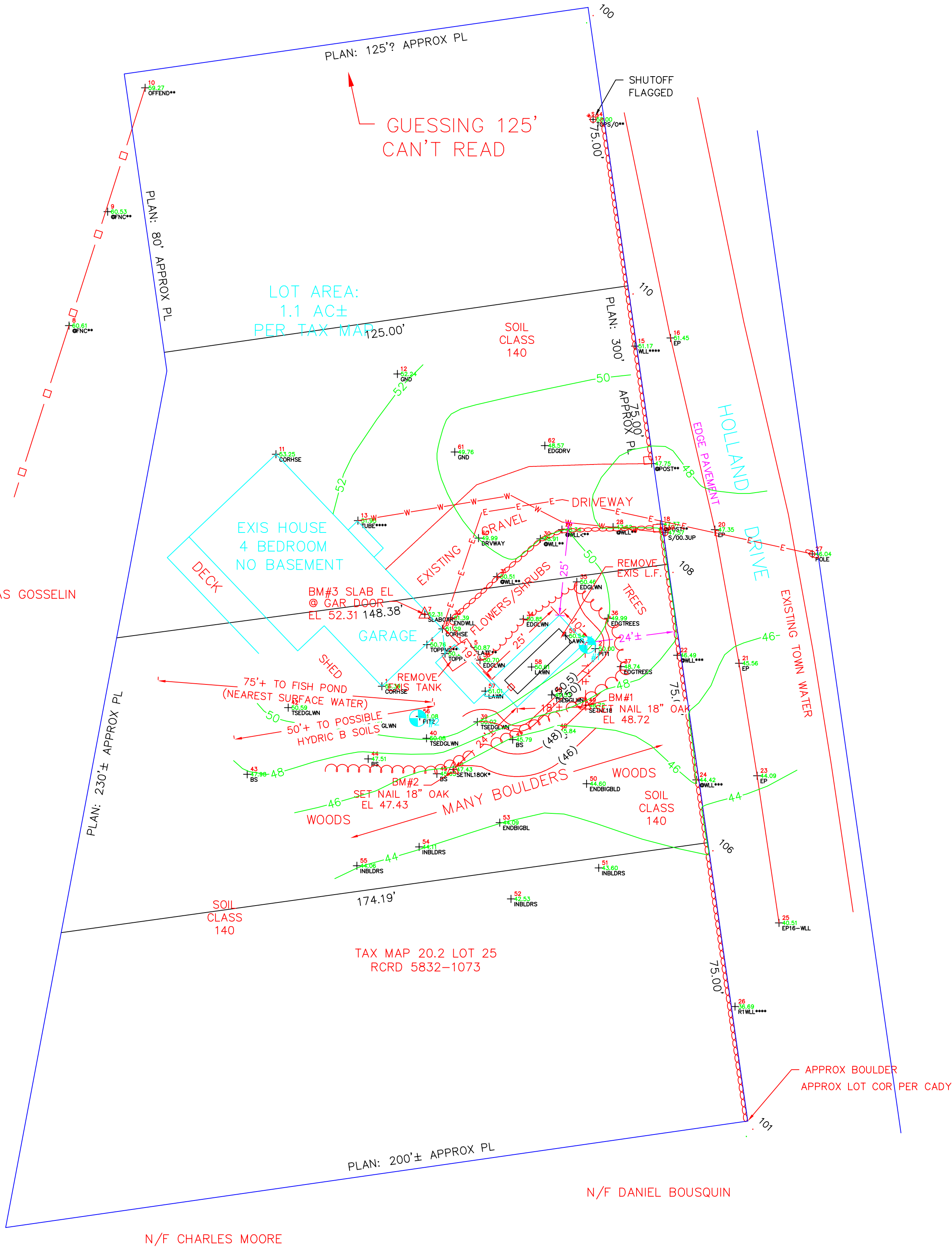


N/F THOMAS GOSSELIN



N/F CHARLES MOORE

Command= 210-

Point#, Start#-End# or G#= 1-255

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----02-17-2025-----17:07:52-----D:...\BMHOME18							
	51.39		CORHSE	1	5000.0000	5000.0000	
	50.00		INST	2	5010.0403	5056.9416	TRA
	50.21		TOPPVC**	3	5008.7228	5016.8432	SS
	50.76		TOPPVC**	4	5011.1222	5012.0046	SS
	50.87		SLATE**	5	5010.3018	5023.7526	SS
	51.29		CORHSE	6	5015.3162	5016.1413	SS
	52.31		SLABGAR	7	5019.1916	5011.4428	SS
	60.61		@FNC**	8	5096.1830	4916.5300	SS
	60.53		@FNC**	9	5126.5740	4926.8281	SS
	59.27		OFFEND**	10	5159.5873	4936.8460	SS
	53.25		CORHSE	11	5061.8716	4971.7500	SS
	52.24		GND	12	5083.2747	5004.1476	SS
	51.95		TUBE****	13	5044.1849	4993.5982	SS
	58.00		TOPS/O**	14	5151.1591	5056.3395	SS
	51.17		WLL****	15	5090.7063	5067.5456	SS
	51.45		EP	16	5092.9034	5077.0159	SS
	47.75		@POST**	17	5059.3745	5071.9618	SS
	47.37		@POST**	18	5043.2687	5074.3017	SS
	47.57		S/00.3UP	19	5040.9710	5075.5368	SS
	47.35		EP	20	5041.7729	5088.8484	SS
	45.56		EP	21	5006.1438	5095.2841	SS
	46.49		@WLL***	22	5008.2837	5078.7610	SS
	44.09		EP	23	4976.1450	5100.1031	SS
	44.42		@WLL***	24	4975.0336	5083.9098	SS
	40.51		EP16-WLL	25	4936.9137	5105.9315	SS
	36.69		R1WLL***	26	4914.5964	5094.2043	SS
	46.04		POLE	27	5035.2851	5114.7934	SS
	47.62		@WLL**	28	5042.4381	5061.6631	SS
	48.34		@WLL<**	29	5041.7998	5048.0526	SS
	48.91		@WLL**	30	5039.3232	5042.2761	SS
	50.51		@WLL**	31	5029.2597	5030.6777	SS
	51.39		ENDWLL	32	5018.2380	5018.3425	SS
	50.70		EDGLWN	33	5006.9878	5026.1626	SS
	50.85		EDGLWN	34	5017.9225	5037.7361	SS
	50.46		EDGLWN	35	5027.8413	5052.0156	SS
	49.99		EDGTREES	36	5018.1534	5060.3243	SS
	48.74		EDGTREES	37	5005.2482	5063.7429	SS
	49.53		TSEDGLWN	38	4997.7279	5045.3214	SS
	50.02		TSEDGLWN	39	4990.5052	5025.4602	SS
	50.08		TSEDGLWN	40	4986.1424	5011.8986	SS
	50.51		TSEDGLWN	41	4990.8925	4995.3283	SS
	50.59		TSEDGLWN	42	4994.3120	4974.9872	SS
	47.98		BS	43	4976.5461	4964.0561	SS
	47.51		BS	44	4980.6629	4996.3253	SS
	45.63		BS	45	4976.6724	5014.6757	SS
	47.43		SETNL18O	46	4977.8083	5019.0449	SS

JOB #14 788CADY [255]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----02-17-2025-----17:07:52-----D:...\BMHOME18							
		45.79	BS	47	4985.7871	5034.9190	SS
		45.84	BS	48	4988.0648	5046.6644	SS
		48.72	SETNL18O	49	4994.9475	5054.3723	SS
		44.60	ENDBIGBL	50	4974.0150	5054.6216	SS
		43.60	INBLDRS	51	4951.5673	5057.8417	SS
		42.53	INBLDRS	52	4943.3249	5034.4335	SS
		44.09	ENDBIGBL	53	4963.6618	5031.4345	SS
		44.11	INBLDRS	54	4957.1914	5009.9490	SS
		44.06	INBLDRS	55	4952.1489	4993.3445	SS
		51.08	PIT2	56	4991.9728	5010.0949	SS
		51.01	LAWN	57	4998.7091	5027.5717	SS
		50.61	LAWN	58	5005.1336	5039.9249	SS
		50.54	LAWN	59	5013.4651	5049.0420	SS
		49.99	DRVWAY	60	5039.5088	5025.7781	SS
		49.76	GND	61	5062.4809	5019.4228	SS
		48.57	EDGDRV	62	5064.2017	5043.4767	SS
				100	5000.0000	5000.0000	
				101	4807.1637	5229.8133	TRA
				102	4653.9548	5101.2558	TRA
				103	4905.7765	4920.9371	TRA
				104	4857.5675	4978.3905	TRA
				105	4854.3535	4982.2207	TRA
				106	4855.3728	5172.3600	TRA
				107	4722.2726	5060.6757	INT
				108	4903.5819	5114.9067	TRA
				109	4790.5903	5020.0955	INT
				110	4951.7909	5057.4533	TRA
				111	4904.2444	4919.6515	TRA
				112	4852.8214	4980.9351	TRA
				113	4901.9463	4917.7232	TRA
				114	4850.5233	4979.0067	TRA
				115	4721.8887	5059.0067	TRA
				116	4789.8225	5016.7575	TRA
				117	4853.7372	4975.1765	TRA

Point#, Start#-End# or G#= 4-



Stockton Services <stockton752@gmail.com>

10 Holland Drive, Rye

1 message

Stockton Services <stockton752@gmail.com>

Mon, Sep 18, 2017 at 8:06 AM

To: Peter Rowell <prowell@town.rye.nh.us>

Cc: --Mike Cady <mike-cady@comcast.net>, Gary Spaulding <gary@aosne.com>, "Buker, Dawn" <DAWN.BUKER@des.nh.gov>

Peter,

Attached please find the septic design plan I would prepare for 10 Holland Drive if the system were in failure, which it is not. The Cadys have provided me with an inspection report that says the leach field is in "good" condition. Suggested repair work on the septic tank has been completed.

You have required design and state approval of a replacement system to be installed in the event of future system failure, indicating that you can waive town requirements as needed on behalf of the Town of Rye.

I have discussed this plan with Dawn Buker at the Subsurface Bureau. I have told her that the structure is undergoing renovations but that no change in the building footprint or gross living area, and no expansion of septic loading is proposed. She has indicated to me that:

1. If the system is in failure, a replacement system must be both approved and installed.
2. If the system is not in failure, neither the reduction of separation from SHWT nor the customary waivers granted for failed system replacement can be approved by Subsurface.

To get state approval I would have to design a system that would never be installed. What would be the point of that?

3. Based on my representation of the facts, DES approval is not required in this case.

What this means is that I cannot get state approval for the replacement system that I believe should be installed if the system were to fail unless it actually fails, which it has not. I do not think it is in anyone's interest to prepare a design for something that would never be installed and have to do it again if and when failure occurs. It has been suggested that perhaps having a Town approved plan in the file might be enough to alleviate your concerns, especially since Subsurface does not require state review.

I am hoping you will give this some consideration so we can move forward with the result that is best for all concerned.

Thank you,

Tocky

Anne W, Bialobrzeski

NHLLS #752

NHDES Septic Designer #348

Stockton Services

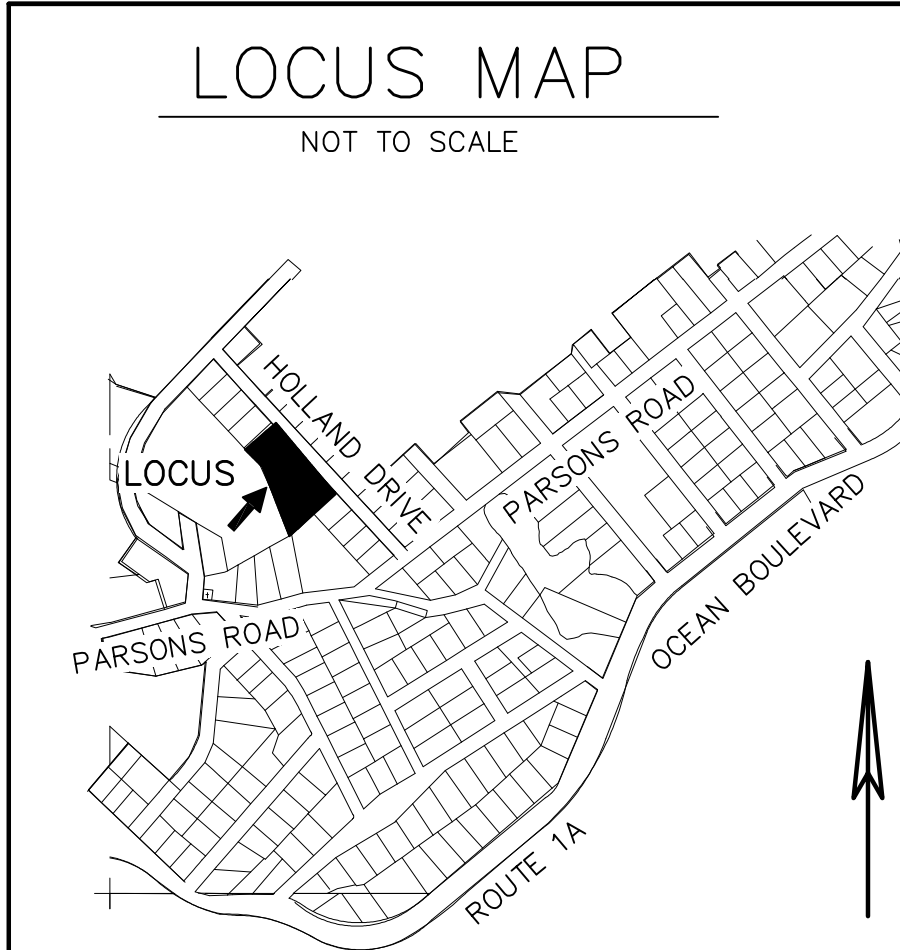
PO Box 1306

Hampton, NH 03843-1306

603 929-7404

**10 HOLLAND DRIVE 9-18-17.pdf**

511K



SOIL CLASS: 140 CHATFIELD-HOLLIS-CANTON
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 1' UP 18" OAK EL 48.72

#2 SET NAIL 1.5' UP 18" OAK EL 47.43

#3 SLAB EL @ GAR DOOR EL 52.31

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 48.5

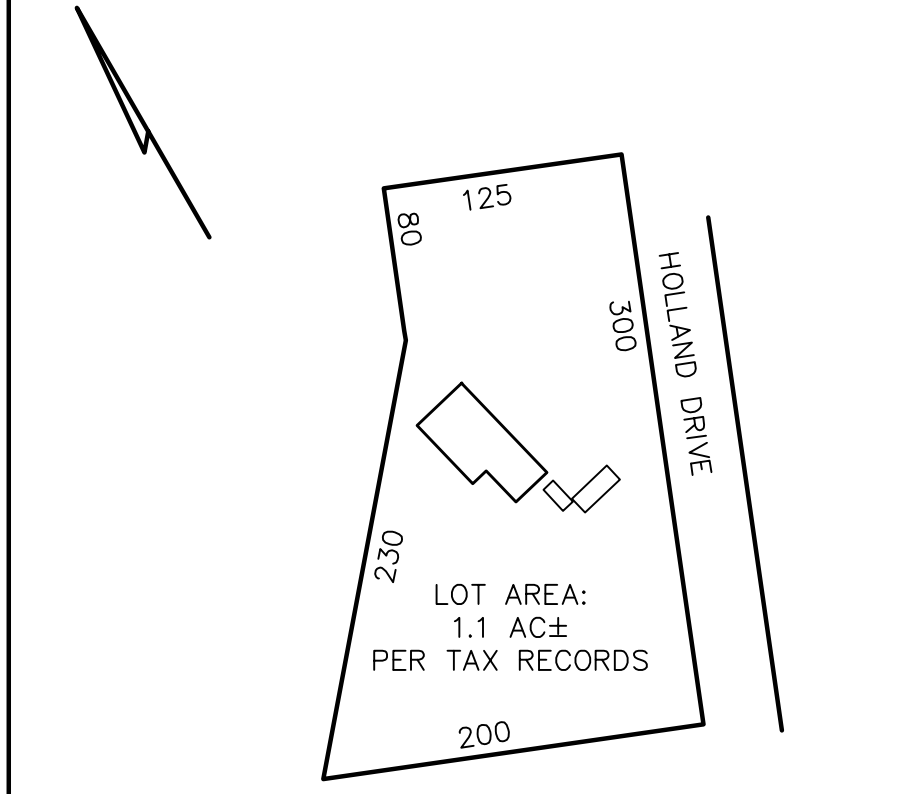
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EDS. (EL 50.5)

SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

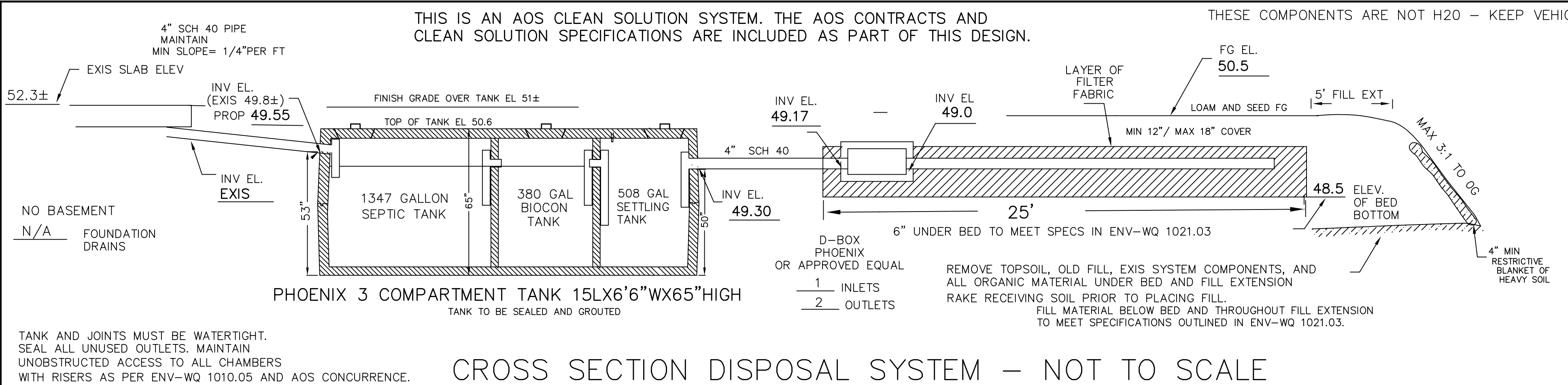
50 EXISTING CONTOUR
(50) PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

- NOTES:
- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN #0201
 - NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A PRE 1967
 - THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
 - DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
 - AOS TANK MAY BE ROTATED IN PLACE AS NEEDED FOR EASE OF INSTALLATION.



PLOT PLAN

1"=APPROX 100'



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

NOTE A: EXISTING SYSTEM IS NOT IN FAILURE. NO EXPANSION OF STRUCTURE OR LOADING IS PROPOSED. THIS DESIGN IS PREPARED BY ORDER OF THE RYE BUILDING DEPARTMENT AND IS NOT REQUIRED UNDER NHDES SUBSURFACE RULES (ENV-WQ 1000).

WAIVERS REQUESTED FROM TOWN OF RYE SEPTIC STANDARDS: AS APPLICABLE IN EVENT OF FUTURE EXISTING SYSTEM FAILURE

7.9.2 LEDGE LOT REQUIREMENTS

7.9.2.5 100' FROM NATURAL WATER BODY - 75'+ PROVIDED

75' FROM POORLY DRAINED SOIL - 50'+ PROVIDED

7.9.3 BED BOTTOM 4' ABOVE ESHWT - 35" PROVIDED

BED BOTTOM 6' ABOVE POSSIBLE LEDGE - 35" PROVIDED

PRELIMINARY

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE OUTLINED IN AOS SALES AND MAINTENANCE CONTRACTS.

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.

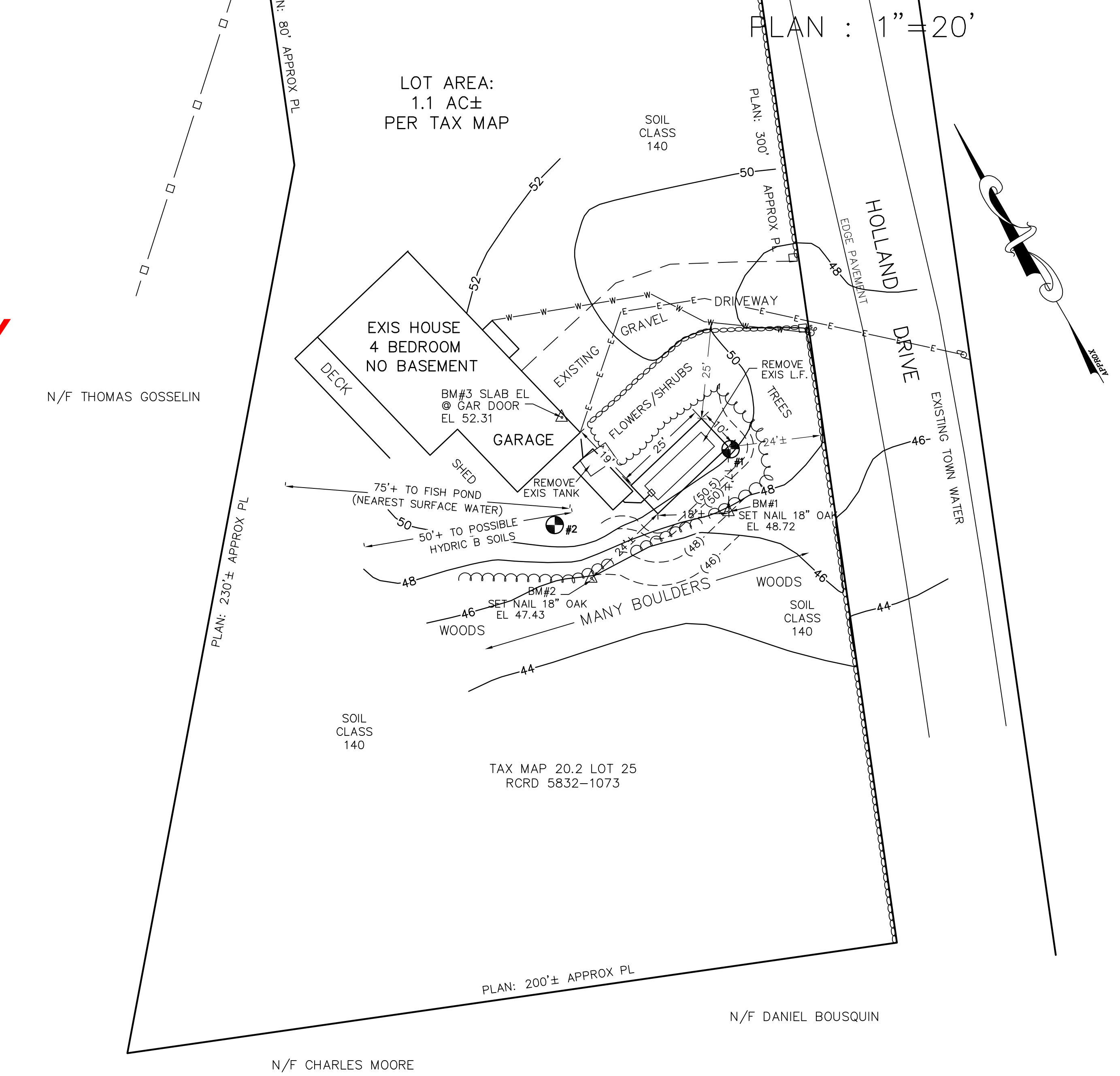
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



TP TEST PIT DATA

DATE: AUGUST 8, 2017

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 50.0±

0 -6" TOPSOIL AND ROOT MAT

6-52" 10YR4/6 GRAVELLY LOAMY SAND, SOME COBBLES FIRMER IN PLACE WITH DEPTH, GOOD ROOTS

NO EVIDENCE OF SHWT TO 52"

POSSIBLE REFUSAL (OR BOULDER) AT 52"

TEST PIT #2 EL 51.1±

0 -6" TOPSOIL AND ROOT MAT

6-67" 10YR4/6 GRAVELLY LOAMY SAND, SOME COBBLES FIRMER IN PLACE WITH DEPTH, GOOD ROOTS TO 5'+

NO EVIDENCE OF SHWT TO 67"

NO REFUSAL TO 67"

PT PERC TEST DATA

DESIGN PERC RATE: N/A CLEAN SOLUTION SYSTEM

DESIGN LOADING: FORMER 4 BEDROOM 2 FAMILY DWELLING CONVERTED TO 4 BEDROOM SINGLE FAMILY DWELLING

DISPERSAL AREA REQUIRED: 100-150 SF PER CLEAN SOLUTION GUIDELINES

LEACH FIELD AREA PROPOSED: 10' X 25' = 250 SF PROPOSED

PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

FOR REPLACEMENT OF FAILED SYSTEM ONLY

SYSTEM NOT IN FAILURE AT THIS TIME: SEE NOTE A

LOCUS: 10 HOLLAND DRIVE
RYE, NH
TAX MAP 20.2 LOT 25

OWNER: MICHAEL J. & HEIDI B. CADY
6 HOLLAND DRIVE
RYE, NH 03870

APPLICANT: STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842
603 929-7404

DATE: SEPT 18, 2017

APPROVAL:

NEW HAMPSHIRE
Designer of
Subsurface Disposal
Systems

Anne W. Bialobrzewski
No. 348
Department of Environmental Services

Map by NH GRANIT



Legend

- Polygons
- LiDAR Derived 2-foot contour
- City/Town
- NH 2010/2011 1-foot RGB
- NH 2010/2011 1-foot CIR
- Red: Band_4
- Green: Band_1
- Blue: Band_2

Map Scale

1: 812

© NH GRANIT, www.granit.unh.edu

Map Generated: 8/8/2017



Notes

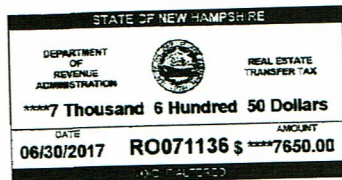
MAIL TO

Return to:

Michael J. Cady and Heidi B. Cady

10 Holland Drive

Rye, NH 03870



WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS: That **Lieu Buesing, Trustee of the Lieu Buesing Revocable Trust of 2016**, Single, of 10 Holland Drive, Rye, NH 03870, for consideration paid grants to **Michael J. Cady and Heidi B. Cady**, A Married Couple, of 8 Pine Glen Drive, North Reading, MA 01864, as joint tenants with rights of survivorship, with WARRANTY COVENANTS:

Certain lots of land, together with the buildings thereon, situate in Rye, County of Rockingham, State of New Hampshire, as shown on Plan of Fair Hill Estates, Sheet 1, drawn by John W. Durgin, Civil Engineer and being Lots No. 212, 213, 214 and 215 on said plan duly recorded in the Rockingham County Registry of Deeds as Plan No. 0201, to which Plan reference may be made for a more particular description.

SUBJECT TO all easements, covenants and restrictions of record, if any.

SUBJECT TO all mortgages and encumbrances of record, if any.

Meaning and intending to describe and convey the same premises conveyed to Lieu Buesing, Trustee of the Lieu Buesing Revocable Trust of 2016, by virtue of a Deed from Lieu T.C. Buesing a/k/a Lieu Buesing, dated November 30, 2016 and recorded in the Rockingham County Registry of Deeds in Book 5779, Page 1476.

I, the grantor hereby release all rights of homestead in the above described premises.

Executed this 27th day of June, 2017.

Lieu Buesing, Trustee of the Lieu Buesing Revocable Trust of 2016

2017 JUN 30 PM 2:37

ROCKINGHAM COUNTY
REGISTRY OF DEEDS

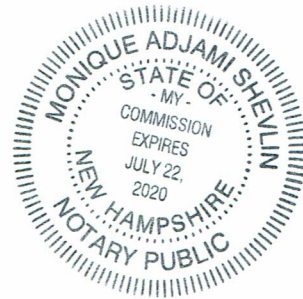
027283

State of New Hampshire
County of Rockingham

Then personally appeared before me on this 27th day of June, 2017, the said Lieu Buesing, Trustee of the Lieu Buesing Revocable Trust of 2016 and acknowledged the foregoing to be her voluntary act and deed.



Notary Public/Justice of the Peace
Commission expiration:





SEPTIC DESIGNS of NH, LLC

12 Folsom St., Exeter, NH 03833 Phone: (603) 714-7018

Onsite Wastewater Treatment System Inspection Report

Ordered By: **Keith Wheeler**

Inspection Date: 4/18/2017 Inspection Time: **1:30 pm**

Site Address **10 Holland Dr, Rye, NH**

Customer Name: **Heidi & Michael Cady**

Phone: **978-979-3188**

Email: **heidi.cady@verizon.net**

General Information: (Obtain as much as possible when inspection ordered)

- 1.) Age of wastewater treatment system: **10+** years
☐ Water Softener ☐ Garbage Disposal ☐ Whirlpool Bath ☐ Cleaning Service
- 2.) Number of People Occupying dwelling: Currently: **UNK** Anticipated: **2**
 If currently unoccupied, for how long has it been vacant? _____ Month(s)
- 3.) Number of Bedrooms in Dwelling: _____
- 4.) Has there ever been a backup in the house? UNK
- 5.) List any known repairs made to the system:
UNK
- 6.) Has the system been recently inspected by others? No
 If so did it fail? N/A
- 7.) Date the tank was last pumped: **UNK**
 At what frequency: _____

Septic Designs of NH, LLC
 12 Folsom St., Exeter, NH 03833
 603-714-7018
 "Your business, is our business."

System Type:

- 1.) Components of Wastewater Treatment System-complete as necessary

Pretreatment Unit 1: _____gallons or gpd

Main tank: **1000**gallons

Secondary tank: _____gallons

Pump Chamber/tank: _____gallons

All volumes are estimated. Consult pumping records for actual gallons.

Additional Comments _____

Evaluation Procedures: Circle the appropriate answer.

Locate, Access, and Open the septic tank cover.	<u>Yes</u>
If at grade is the cover “secure”?	<u>N/A</u>
Can surface water infiltrate into the tank?	<u>Yes</u>
Any indications of previous failure?	<u>No</u>
Inspect Lid, damage, effluent filter, and baffles?	<u>Yes</u>
Effluent Filter	<u>No</u>
If Yes is there a riser to grade?	<u>No</u>
If an effluent filter is installed a riser to finish grade is required.	
Per State Rule Env-Wq 1010.05 (c)(2)	
Cracks, deterioration, or damage of tank?	<u>Yes</u>
Excessive moisture, odor, effluent, or improper color	<u>No</u>
Type of Distribution: <u>Gravity</u>	
Seepage Visible on lawn	<u>No</u>
Lush vegetation present?	<u>No</u>
Ponding water?	<u>No</u>
Contain a dosing, pump tank, ejector or grinding pump?	<u>No</u>
If Yes:	
Check the integrity of the tank (cracks, infiltration, ect).	-
Is the pump elevation off the bottom of the chamber?	-
Is the pump in working order?	-
If there is a check valve, is a purge hole present?	-
Is there a high water alarm?	-
Does the alarm work?	-
Do electrical connections appear satisfactory?	-
Did you clean the pump tank?	-

Explain if necessary: _____

PASS

Condition of system if passed: Good

Print: Cody Binette

Signed: Cody Binette

Company Licenses:

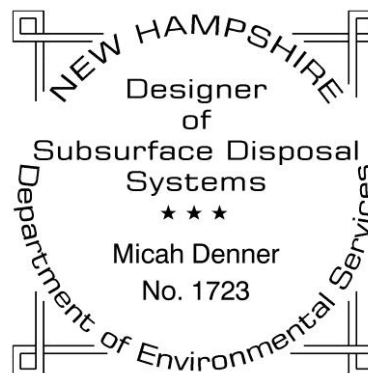
Certified Evaluator #: 98

Designer #: 1723

Installer #: 5017

Date: 19 April 2017

NOTES: Please see Inspection Letter.



Company Disclaimer:

Based on what we were able to observe and our experience with onsite wastewater technology, we submit this Onsite Wastewater Treatment System Inspection Report based on the present condition of the onsite wastewater treatment system. Septic Designs of NH has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may effect the proper operation of a wastewater treatment system. This report shall not be construed as a warranty by our company that the system will function properly for any particular buyer. Septic Designs of NH **DISCLAIMS ANY WARRANTY** either expressed or implied, arising from the inspection of the wastewater treatment system, or this report. We are also not ascertaining the impact the system is having on the environment. The inspection that was conducted and the reports are subjective and are "opinion only"

Septic Designs of NH, LLC
12 Folsom St., Exeter, NH 03833
603-714-7018
"Your business, is our business."



10 Holland Dr, Rye, NH

Septic Designs of NH, LLC
12 Folsom St., Exeter, NH 03833
603-714-7018
“Your business, is our business.”



The outlet baffle



The interior of the tank

Septic Designs of NH, LLC
12 Folsom St., Exeter, NH 03833
603-714-7018
“Your business, is our business.”



The test hole in the field



The stones removed from the test hole

Dos and Don'ts of a Septic System

Dos:

- Do spread laundry use over the week rather than many loads on one day.
- Do make a permanent record of where the key parts of your system are located for future maintenance; such as tank pump outs or field repairs.
- Do have your septic tank pumped out regularly (1-3 years depending on use).
- Do keep the records of pump outs and maintenance.
- Do use water-conserving devices where possible. Low flush toilets and showers heads are commonly available.
- Do have manually cleaned lint traps on your automatic washer.
 - Clean lint traps often or have them installed
- Do check any pumps, siphons, or other moving parts of your system regularly.
- Do remove or prevent trees with large root systems growing near the disposal field.
- Do maintain a healthy grass cover over the disposal field to use some of the water and to prevent erosion.
- Do keep surface water from upslope or from roof drains away from the disposal field.
- Do check your interceptor drain regularly to ensure that it is free flowing.
- Do compost your kitchen waste.

Don'ts:

- Don't overload the system with high volumes of water.
- Don't use powdered detergent
- Don't connect basement sump pumps to the on-site system.
- Don't connect backwash from water treatment devices (Water Softeners) directly to the on-site system without professional advice.
 - Highly recommend the installation of a dry-well.
- Don't install a garbage disposal without consulting a Licensed Septic Professional.
- Don't allow large amounts of fats (bacon grease – use a soup can to cool it then throw in the trash), chemicals (bleach) or solvents to enter the system
- Don't allow any plastics to enter the system.
- Do not use any septic tank additives. They are not beneficial and may damage your disposal system. Active bacteria are naturally present in sewage.
 - You can use a little bit of Baker's Yeast once a month to promote healthy bacteria growth
- Do not allow vehicles or heavy equipment to drive over or park on the disposal field. This may compact the soil and crush the piping.
- Do not plant anything over the disposal field except grass. Especially do not cover the tank or field with asphalt or concrete or other impermeable material.

Do not flush the following items into your septic system:

Coffee grounds
Seeds
Disposable diapers
Disposable Wipes
Sanitary napkins
Cigarette butts
Fats, grease and oils
Disinfectants
Photographic chemicals
Pills and unused medication
Dental floss
Kitty litter
Tampons
Condoms
Paper towels
Pesticides
Other chemical wastes
Paints
Varnishes
Waste oils
Poisons
Thinners

If you want to add something to the septic system to enhance it. Mix a packet of bakers yeast with warm water and some sugar. Flush this down the toilet once a month to help increase bacteria growth.

The Best rule of thumb is if it has not been consumed by you first it, it does not get flushed down the toilet; excluding toilet paper.



SEPTIC DESIGNS of NH, LLC

Licensed Designer, Installer, and Certified Septic Evaluator

19 April 2017

Dear Heidi & Michael Cady,

This letter is a supplement to the Septic Inspection Report that you have received to provide an explanation of the Septic Inspection that was conducted by one of our Certified Evaluators. Please see below for an explanation of items **at the time of** inspection:

The tank is located about 2-3" below the surface. The tank should be pumped out. We also noticed the tank needs a new outlet baffle and outlet cover. Both have corroded and cracked. The baffle should be done sooner rather than later to avoid any damage to the field.

The field is a pipe and stone in "good" condition. The stones and sand were dry and clean with no signs of past failure.

If you have any questions regarding the inspection, please call me at your earliest convenience.

Thank you,

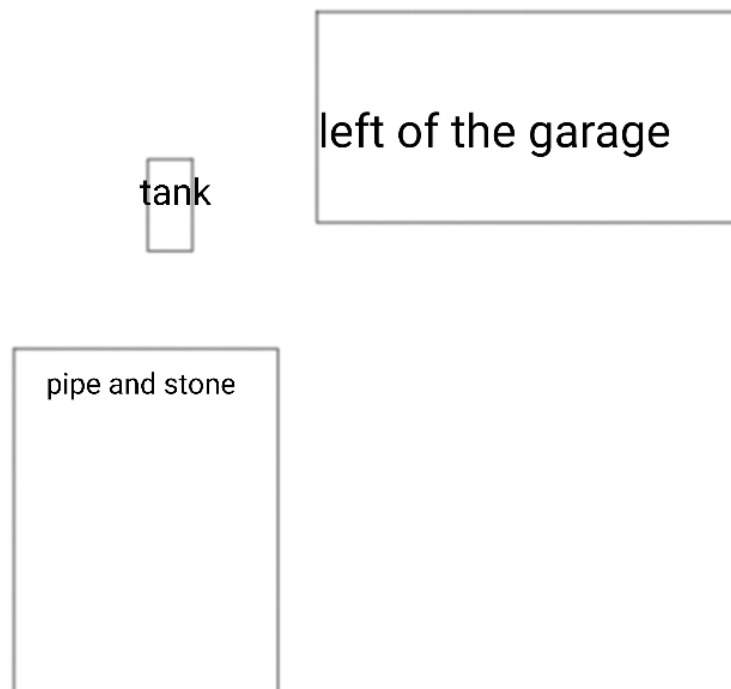
Cody Binette
Field Tech

Company Disclaimer:

Based on what we were able to observe and our experience with onsite wastewater technology, we submit this Onsite Wastewater Treatment System Inspection Letter based on the present condition of the onsite wastewater treatment system. Septic Designs of NH has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may effect the proper operation of a wastewater treatment system. This letter shall not be construed as a warranty by our company that the system will function properly for any particular buyer. Septic Designs of NH **DISCLAIMS ANY WARRANTY** either expressed or implied, arising from the inspection of the wastewater treatment system, or this letter. We are also not ascertaining the impact the system is having on the environment. The inspection that was conducted and the letter is subjective and are "opinion only"

Septic Designs of NH, LLC
12 Folsom St., Exeter, NH 03833
603-714-7018
"Your business, is our business."

Sketch of System:-not to scale. For reference purposes only.





Town of Rye

BUILDING DEPARTMENT

Peter E. Rowell CFM
Building Inspector

10 Central Road
Rye NH 03870

603 964-9800
prowell@town.rye.nh.us

July 18, 2017

Mike & Heidi Cady
10 Holland Drive
Rye NH 03870

RE: 10 Holland Dr. - Rye, NH - Building Permit Application

Property Information:

Owner	Mike & Heidi Cady
Location	10 Holland Drive
Map / Lot	20.2/25
Zoning District	Single Residential District
Overlay District	Coastal Area Overlay
Lot size	1.1 Ac.
Frontage	300' from Tax Map
Flood Zone	X
Existing Grade	

Dear Mr. & Mrs. Cady,

I have completed the review of your building permit application, you submitted for a \$196,000 renovation of the existing single family dwelling. At this time I must deny the proposed renovation because it does not comply with the following sections of the Rye Building Code (RBC);

1. You propose the renovation of a building that is not served by an Individual Effluent Disposal System (ISDS) that complies with RBC section 7.9.

7.9 Effluent: All dwellings and all commercial, public or industrial buildings shall be provided with adequate and sanitary effluent disposal systems. Wherever or so long as, a public sewer is not available a private effluent disposal system shall be installed on the lot subject to the following requirements:

7.9.1 Effluent Disposal Systems Permits: No building permit shall be issued by the Building Inspector when the use of an effluent disposal system is proposed until:

7.9.1.1 Pit and percolation tests have been completed in accordance with the standards of Section 7.10.

7.9.1.2 New Hampshire Department of Environmental Services has approved detailed plans

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for the effluent disposal system.

7.9.1.3 Such plans and the installation concerned comply with the requirements of the Zoning Ordinance and Building Code.

The building permit application stated that the Septic Approval Number was "Unknown". Review of the town's files did not find an approved ISDS.

If no approval number can be found for the existing ISDS a new system will need to be designed and installed before a Certificate of Occupancy can be issued.

I will issue a building permit for the work covered by the application if you submit a signed letter stating that you intend to design and install a new ISDS to serve your dwelling before occupancy.

All construction will be required to meet the State Building Code including the 2009 Energy Conservation Code.

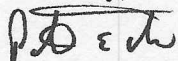
A storm water management plan per RZO section 507 Stormwater Management may be required before final inspection depending on how much of the property is disturbed.

Please insure that you have shown all exterior features that may be included in this building project or may be contemplated in the near future such as generators, HVAC equipment, LP tanks, and other similar items.

Other items may arise as reviews continue.

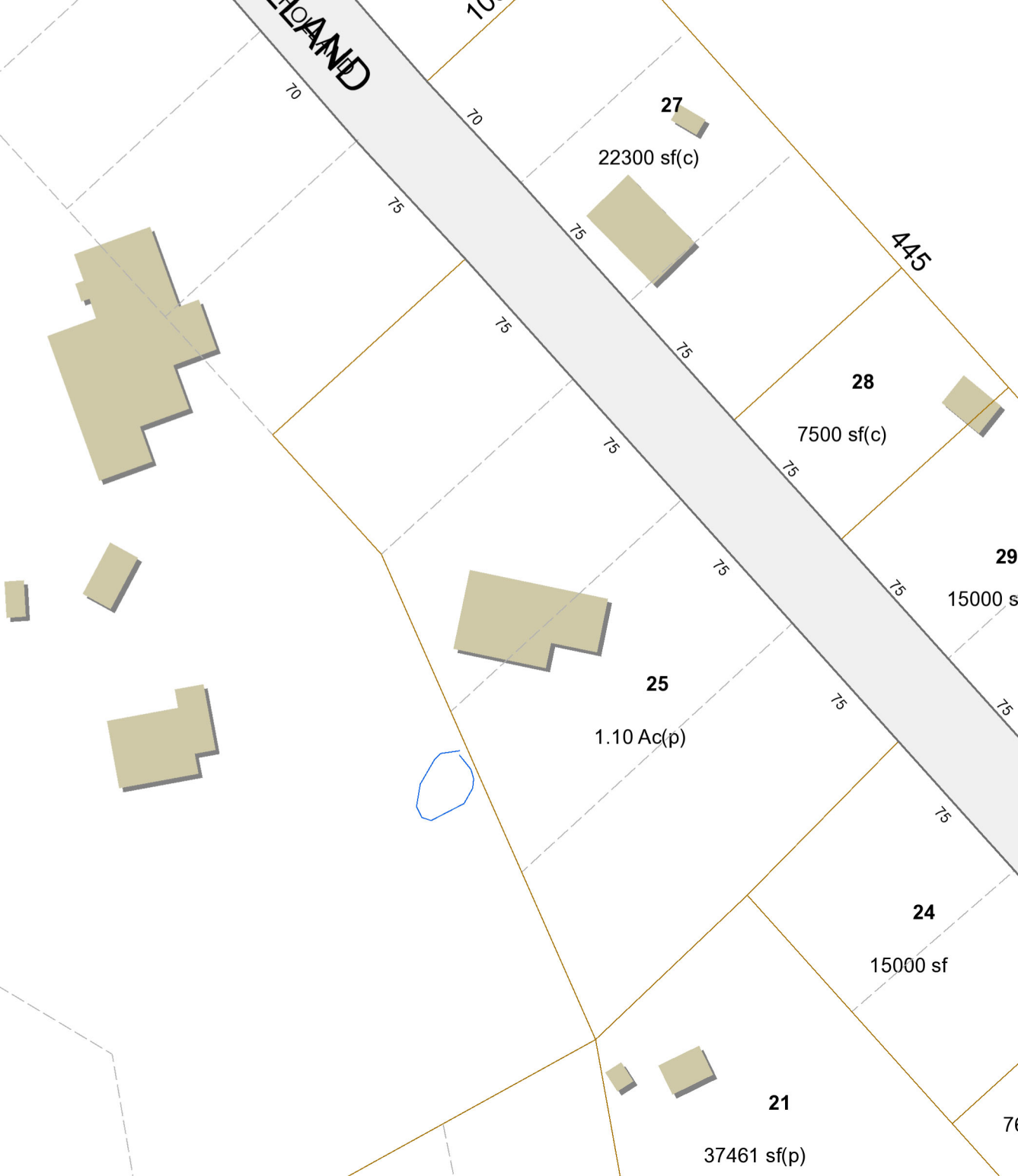
You have the right to appeal this decision to the Rye Board of Adjustment per RZO, Section VII. All appeals must be made within a reasonable time (30 days) on forms supplied by the Board.

Sincerely,



Peter E. Rowell
Building Inspector


Cc: Zoning and Planning Administrator





10 HOLLAND DRIVE



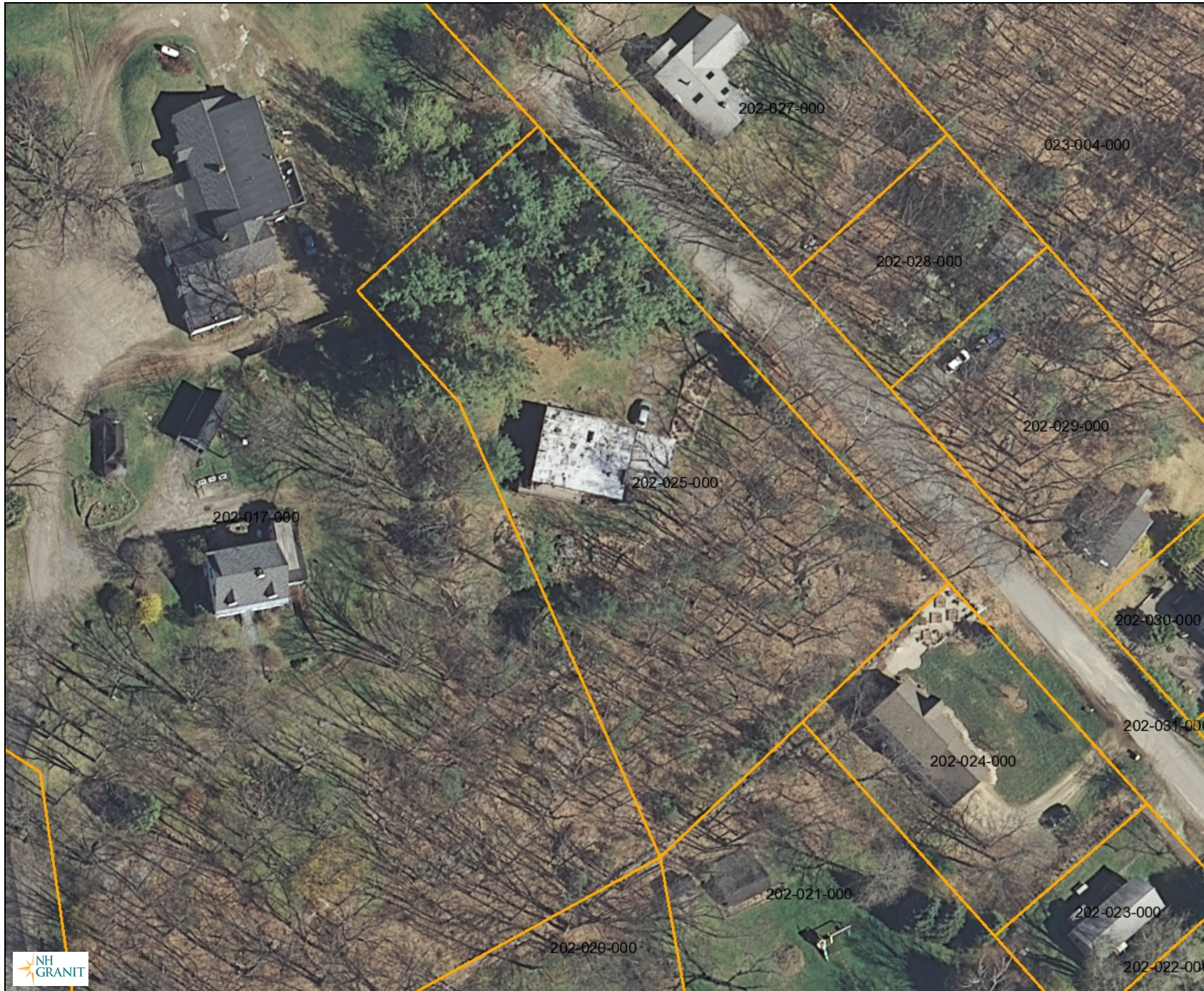
Parcel Information	General Information
Owner: BUESING GUY K Co-Owner: BUESING LIEU TC Mailing Address: 10 HOLLAND DRIVE RYE, NH 03870	Parcel ID: 202-025 Utility 1: Public Water Utility 2: Septic FEMA 2005 Flood Zone: FEMA 2015 Flood Zone: Zone: GRES Precinct: 4 Use Description: TWO FAMILY Acres: 1.1
Assessed Valuation	Sale History
Land: \$220,200 Bldg: \$154,800 Extra: \$2,100 OBY: \$0 Total: \$375,000	Book/Page: 3894/0041 Date: 11/19/2002 Price: \$0 Sale Description: FAMILY/RELATIVE SALE Seller: BUESING, GUY K
Improvement Detail: # 1	
	AYB: 1967 EYB: 1986 Style: Raised Ranch Occupancy: 2 Story Height: 1 Living Area: 1324 Bedrooms: 4 Full Baths: 2 Half Baths: 0 Total Rooms: 7 Roof Desc: Shed Roof Cover: Rolled Compos Ext Wall: Cedar or Redwd Int Wall: Plywood Panel Heat Fuel: Oil Heat Type: Hot Water A/C Type: None Bath Desc: Average Kit. Desc: Average Grade: Condition:



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

Map by NH GRANIT



Legend

- Polygons
- Red: Band_4
- Green: Band_1
- Blue: Band_2

Map Scale

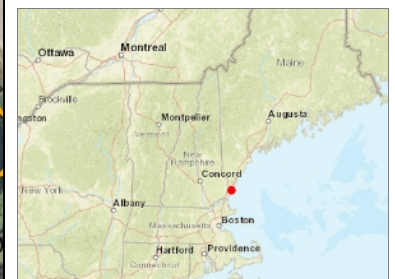
1: 810

© NH GRANIT, www.granit.unh.edu

Map Generated: 9/5/2017



Notes



Source. (See Revision Notes #1 and #2 at chapter heading)
#11184, eff 10-1-16

Env-Wq 1004.19 Replacement of Other Existing ISDS.

(a) If an ISDS that serves a structure other than a residence or that receives anything other than sewage for disposal needs to be repaired or replaced, the ISDS owner shall work through a permitted designer to submit an application for a replacement ISDS for approval in accordance with this chapter.

(b) Any replacement ISDS approved based on an application required by (a), above, shall be installed by a permitted installer.

Source. (See Revision Notes #1 and #2 at chapter heading)
#11184, eff 10-1-16

Env-Wq 1004.20 Replacement of Systems in Failure; Pumping Required.

(a) The owner of an ISDS in failure as defined in RSA 485-A:2, IV shall cease using the EDA so as to prevent any wastewater from flowing onto or into the ground or to the EDA, by either:

(1) Vacating the premises served by the ISDS; or

(2) Having a licensed septage hauler pump out the septic tank at sufficient frequencies to prevent wastewater from otherwise exiting the septic tank.

(b) If the owner elects to pump the tank in lieu of vacating the premises, the owner shall so notify the department and the local health officer and retain all pumping receipts for inspection by department staff or the health officer.

(c) All applications submitted for the purpose of correcting an ISDS in failure shall be accompanied by a written statement from the town health officer or a permitted designer confirming that the existing ISDS is in fact in failure.

(d) Subject to (e), below, construction approvals granted for replacement of an ISDS in failure shall be valid for 90 days.

(e) The department shall grant one 90-day extension if circumstances beyond the control of the ISDS owner have prevented the ISDS from being completely installed. Failure to complete construction within the approval period shall result in the invalidation of the approval.

Source. (See Revision Notes #1 and #2 at chapter heading)
#11184, eff 10-1-16

Env-Wq 1004.21 When Installation of Replacement ISDS Required.

(a) If approval of a replacement ISDS is obtained pursuant to Env-Wq 1004.20 relative to systems in failure, the replacement ISDS shall be installed prior to the expiration of the approval as specified in Env-Wq 1004.20(d).

(b) If approval of a replacement ISDS has been obtained pursuant to these rules for any reason other than to address a system in failure as covered by (a), above, the replacement ISDS shall be installed if the existing ISDS:

(1) Has not received construction approval and approval to operate under these rules or predecessor rules in Env-Ws 1000, unless the applicant submits documentation to show the existing ISDS was repaired or replaced in kind in compliance with requirements in place at the time the work was done; or

- (2) Fails or otherwise needs to be repaired or replaced.

Source. (See Revision Notes #1 and #2 at chapter heading)
#11184, eff 10-1-16

Env-Wq 1004.22 Expansion, Relocation, or Replacement of Existing Structures.

(a) No construction approval or approval to operate from the department shall be required for the expansion, relocation, or replacement of any structure that meets the requirements of RSA 485-A:38, II-a, namely:

- (1) The work does not increase the load on the ISDS serving the structure;
- (2) The ISDS serving the structure received construction approval and approval to operate from the department within 20 years of the date of the issuance of a building permit for the proposed expansion, relocation, or replacement or the lot is 5 acres or more in size;
- (3) If the property is nonresidential, no waivers were granted in the construction approval or approval to operate of any requirements for total wastewater lot loading, depth to groundwater, or horizontal distances to surface water, water supply systems, or very poorly drained soils; and
- (4) The proposed expansion, relocation, or replacement complies with the requirements of the shoreland water quality protection act, RSA 483-B, if applicable.

(b) Subject to (c), below, any expansion, relocation, or replacement of a structure that does not meet the requirements of RSA 485-A:38, II-a shall be considered new construction, for which an application for an ISDS to serve the structure shall be submitted in accordance with Env-Wq 1003.

(c) The expansion, relocation, or replacement of a structure shall not be considered new construction under (b), above, if:

- (1) The ISDS serving the structure received construction approval and approval to operate from the department more than 20 years before the date of the issuance of a building permit but otherwise meets the criteria specified in (a), above; and
- (2) The footprint of the structure will not change.

(d) For property in the protected shoreland, no structure shall be replaced, relocated, or expanded without the owner first determining that such replacement, relocation, or expansion will not violate RSA 483-B.

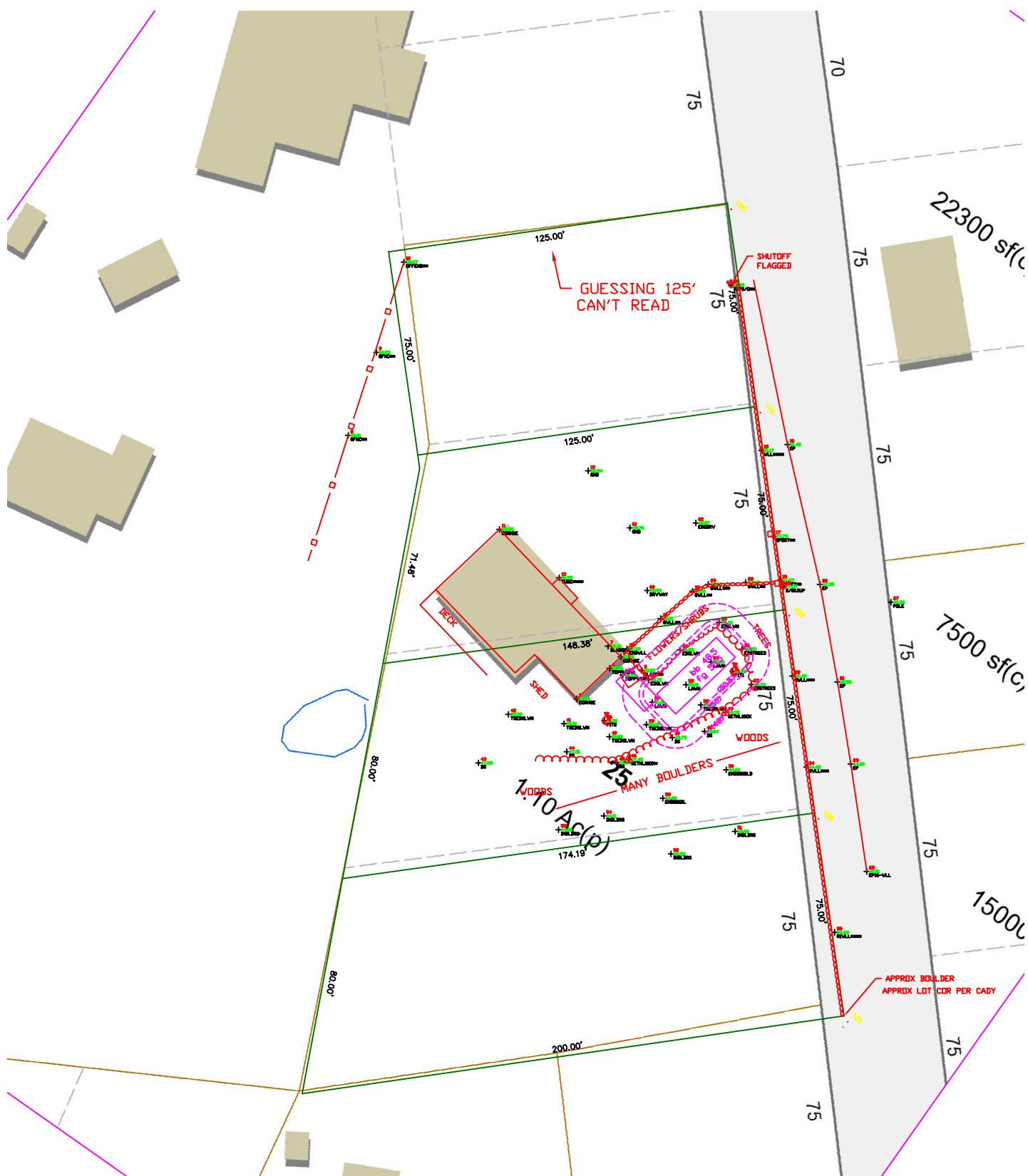
Source. (See Revision Notes #1 and #2 at chapter heading)
#11184, eff 10-1-16

Env-Wq 1004.23 Expansion of Existing Use, Including Conversion to Full-Time Occupancy.

(a) As required by RSA 485-A:38, I, the owner of a structure shall submit an application for approval of an ISDS to serve the structure prior to expanding the structure, changing the use of the structure, or occupying an existing structure on a full-time basis, such that the load on the ISDS would be increased over the design capacity of the existing ISDS.

(b) Prior to submitting an application pursuant to (a), above, the owner shall work with a permitted designer to determine whether the ISDS serving the structure is a state-approved ISDS that:

- (1) Meets the requirements of Env-Wq 1000 in effect at the time the expansion or conversion, as applicable, is proposed;
- (2) Is sized to accommodate the proposed use;
- (3) Does not need to be modified, such as by adding a gravity grease interceptor; and



Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404

Mike and Heidi Cady

Statement 09/27/17

Locus: 10 Holland Drive, Rye

Replacement Septic System Design required by Rye Bldg Dept,
NO EXPANSION

System not failed, preliminary delivered (not submitted) to Town of Rye,
AOS paperwork not yet obtained.

Talked Bldg Inspector out of requiring state approved plan
due to Catch 22 of failed vs. not failed requirements.

..... \$750.00

Balance due \$ 750.00

Thank you.

Tocky

Chris-Co Construction Services, Inc.
Philbrick Septic Tank Service

3607 Lafayette Road , Suite 4
Portsmouth, NH 03801

Invoice

Date	Invoice #
8/7/2017	20170782

Bill To:

Michael Cady
10 Holland Drive
Rye, NH 03870

Physical Address:

PAID
08/16/2017

Work Order No.	Serviced	Terms
12647	7/11/2017	Net 15

Gallons	Septic Tank Pumping & Cleaning	Serviced	Per Gallon	Amount
1,000	Septic Tank Pumping & Cleaning	8/11/2017	0.22	220.00
1	Replace broken/missing outlet baffle with new PVC baffle	8/11/2017	45.00	45.00

***Please make check payable to "Chris-Co, Inc."
and include the invoice number on your check.***

Total

\$265.00

Phone #	Fax #	E-mail
603 436-0315	603 431-2360	Chris-Co@comcast.net

***Thank - You For Your Prompt
Payment !***

Hampton, NH 03843-1306
603 929-7404



10 HOLLAND DRIVE 9-18-17.pdf

511K

Peter Rowell <PRowell@town.rye.nh.us>
To: Stockton Services <stockton752@gmail.com>

Mon, Sep 18, 2017 at 12:26 PM

Who made the repairs to the tank? Did you get to verify them?

I will keep this plan on file in the event of a failure. Tell you client they can move ahead without the state approval.

Peter

Peter E. Rowell CFM

Town of Rye

Building Inspector

10 Central Road

603-964-9800

prowell@town.rye.nh.us

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2017-4-11 10 Holland Dr Rye NH Septic Inspection Report.pdf

935K

Stockton Services <stockton752@gmail.com>
To: Peter Rowell <PRowell@town.rye.nh.us>

Mon, Sep 18, 2017 at 12:29 PM

Chrisco put in new baffle.

Thank you !

T

[Quoted text hidden]

Stockton Services <stockton752@gmail.com>
To: --Mike Cady <mike-cady@comcast.net>

Mon, Sep 18, 2017 at 12:30 PM

Good news for a change.

[Quoted text hidden]



2017-4-11 10 Holland Dr Rye NH Septic Inspection Report.pdf

935K

mike-cady <mike-cady@comcast.net>
To: Stockton Services <stockton752@gmail.com>
Cc: heidicady@comcast.net

Mon, Sep 18, 2017 at 8:40 PM

Tocky,

Thank you for getting this resolved! Fyi, Alden repaired the tank baffle earlier this summer. I saw him do it. I can dig out the invoice if you need it.